



POWER ELECTRONIC MEASUREMENT REPORT

Application : KLC INC.
 Address : 1928 TYLER AVE, SUITG M-168,SO.ELMONTE,
CA 91733
 Manufacture : ENVIRONMENTAL POTENTIALS INC.
 Address : 1802 N. CARRSON STREET , SUITE 212-2132
CARSON CITY , NV 89701
 Sample Name : WAVEFORM CORRECTION ABSORBER
 Model : EP-2000 Y Type
 Date Received : SEP-25-2001
 Date Tested : SEP-28-2001



WE HEREBY CERTIFY THAT: The object of these measurements were made to establish a common and reproducible basis for evaluating the performance of electrical and electronic equipment when were subjected to the immunity test. We assume full responsibility for the accuracy and completeness of these measurements and vouch for the qualifications of all persons taking them.

	Name	Signature	Date
Testing Engineer	Chin-Tao Huang	<i>Chin-Tao Huang</i>	<i>OCT. 04. 2001</i>
Approving Manager	Mu-Ping Chen	<i>Mu-Ping Chen</i>	<i>OCT. 05, 2001</i>
Director	Chih-Hsin Chen	<i>Chih-Hsin Chen</i>	<i>OCT 05. 2001</i>

Notes :

1. This report will be invalid if duplicated or photocopied in part.
2. This report refers only to the specimen(s) submitted to test, and is invalid as separately used.
3. This report is invalid without examination stamp and signature of this institute.
4. The tested specimen(s) will be preserved for thirty days from the date issued.



TABLE OF CONTENTS

TITLE	PAGE NO.
1. General Information.....	...
1.1 Description of laboratory.....	3
1.2 Description of EUT	3
1.3 Description of peripherals.....	3
1.4 Measurement conditions of EUT	4
2. Electrostatic Discharge Test.....	5
2.1 Test equipment.....	...
2.2 Climatic conditions :	5
2.3 Measurement results.....	5
2.4 Photo of EUT maesure.....	...





1. General Information

1.1 Description of laboratory

Name of laboratory : Energy & Research Laboratories
Industrial Technology Research Institute
Laboratory location : J100 ,195-6,sec.4, Chung Hsing Rd.,
hu-Tung Chen. Hsin-Chu, Taiwan 31015 R.O.C.

1.2 Description of EUT

MANUFACTURER : ENVIRONMENTAL POTENTIALS INC.
SAMPLE NAME : WAVEFORM CORRECTION ABSORBER
MODEL : EP-2000 Y TYPE
POWER SUPPLY : AC 440V/60Hz, three phases
POWER CORD : Unshielded cable , 5.0m

1.3 Description of peripherals

(1) Moter

Manufacturer : TECO CORP.
Model number : AEAF
Output power : 25HP , AC440V , 60 HZ

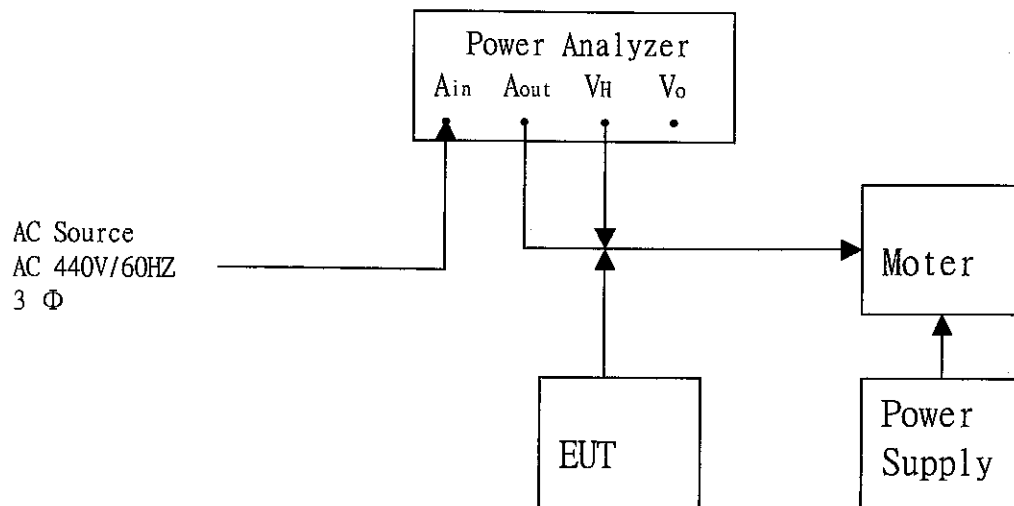
(2) POWER SUPPLY

Manufacturer : EPE
Model number : DUAL-TRACKING DC POWER SUPPL
Serial number :



1.4 Measurement condition of the EUT

1. Input power :AC440V/60Hz , Three phases
2. Setup diagram of the EUT





2. Electrostatic Discharge Test

2.1 Test equipment

MANUFACTURER OTYPE	MODEL No	SERIAL No
VLOTECH POWER ANALYZER	PM 3000A	AH06/7679

2.2 Climatic conditions :

Ambient temperature : 24 °C ~ 26 °C

Relative humidity : 55 % ~ 65 %

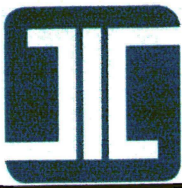
2.3 Measurement results :

A . WITHOUT EUT MEASUREMENT DATA

UNIT LINE	kW	kVA	kVAr	V	A	PF
CH1	1.79	2.28	1.487	239.2	9.78	0.779
CH2	1.26	2.51	2.18	242.6	10.21	0.484
CH3	2.15	3.25	2.43	250.6	13.08	0.656

B . WITH EUT MEASUREMENT DATA

UNIT LINE	kW	kVA	kVAr	V	A	PF
CH1	1.66	2.30	1.55	240.9	9.58	0.737
CH2	1.19	2.44	2.11	245.6	9.85	0.496
CH3	1.95	3.03	2.33	248.8	12.27	0.637



2.4 PHOTOS OF EUT MEASURE

EUT : WAVEFORM CORRECTION ABSORBER

MODEL : EP-2000 Y Type

